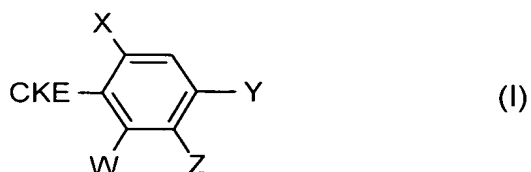


IN THE CLAIMS:

The listing of claims will replace all prior versions, and listing, of claims in the application.

Please cancel claims 1-27. Please add new Claims 28-41 as follows:

28. (New) A compound of the formula (I)



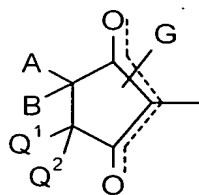
in which

X represents halogen, alkyl, alkoxy, alkenyloxy, alkylthio, alkylsulphinyl, alkylsulphonyl, halogenoalkyl, halogenoalkoxy, halogenoalkenyloxy, nitro, cyano or in each case optionally substituted phenyl, phenoxy, phenylthio, phenylalkoxy or phenylalkylthio,

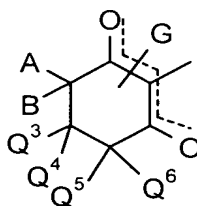
Z represents in each case optionally substituted cycloalkyl, aryl or hetaryl,

W and Y independently of one another each represent hydrogen, halogen, alkyl, alkoxy, alkenyloxy, halogenoalkyl, halogenoalkoxy, halogenoalkenyloxy, nitro or cyano,

CKE represents one of the groups



(7),



(8),

in which

A represents hydrogen, in each case optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl, polyalkoxyalkyl, alkylthioalkyl, saturated or unsaturated, optionally substituted cycloalkyl in which optionally at least one ring atom is replaced by a heteroatom, or in each case optionally halogen-, alkyl-, halogenoalkyl-, alkoxy-, halogenoalkoxy-, cyano- or nitro-substituted aryl, arylalkyl or hetaryl,

B represents hydrogen, alkyl or alkoxyalkyl, or

A and B together with the carbon atom to which they are attached represent a saturated or unsaturated unsubstituted or substituted cycle which optionally contains at least one heteroatom, or

A and Q¹ together represent alkanediyl or alkenediyl, each of which is optionally substituted by in each case optionally substituted alkyl, hydroxyl, alkoxy, alkylthio, cycloalkyl, benzyloxy or aryl, or

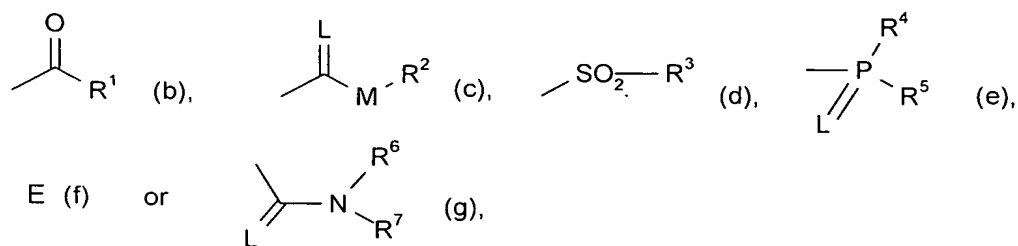
Q¹ represents hydrogen or alkyl,

Q², Q⁴, Q⁵ and Q⁶ independently of one another each represent hydrogen or alkyl,

Q³ represents hydrogen, alkyl, alkoxyalkyl, alkylthioalkyl, optionally substituted cycloalkyl (in which optionally one methylene group is replaced by oxygen or sulphur) or optionally substituted phenyl, or

Q³ and Q⁴ together with the carbon atom to which they are attached represent a saturated or unsaturated unsubstituted or substituted ring which optionally contains a heteroatom,

G represents hydrogen (a) or represents one of the groups



in which

E represents a metal ion equivalent or an ammonium ion,

L represents oxygen or sulphur,

M represents oxygen or sulphur,

R¹ represents in each case optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl, polyalkoxyalkyl or optionally halogen-, alkyl- or alkoxy-substituted cycloalkyl which may be interrupted by at least one heteroatom, in each case optionally substituted phenyl, phenylalkyl, hetaryl, phenoxyalkyl or hetaryloxyalkyl,

R² represents in each case optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl, polyalkoxyalkyl or represents in each case optionally substituted cycloalkyl, phenyl or benzyl,

R³, R⁴ and R⁵ independently of one another each represent in each case optionally halogen-substituted alkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio, cyclo-

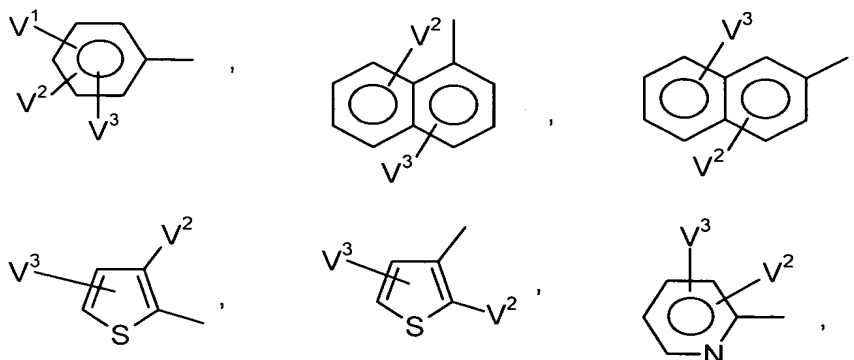
alkylthio or represent in each case optionally substituted phenyl, benzyl, phenoxy or phenylthio,

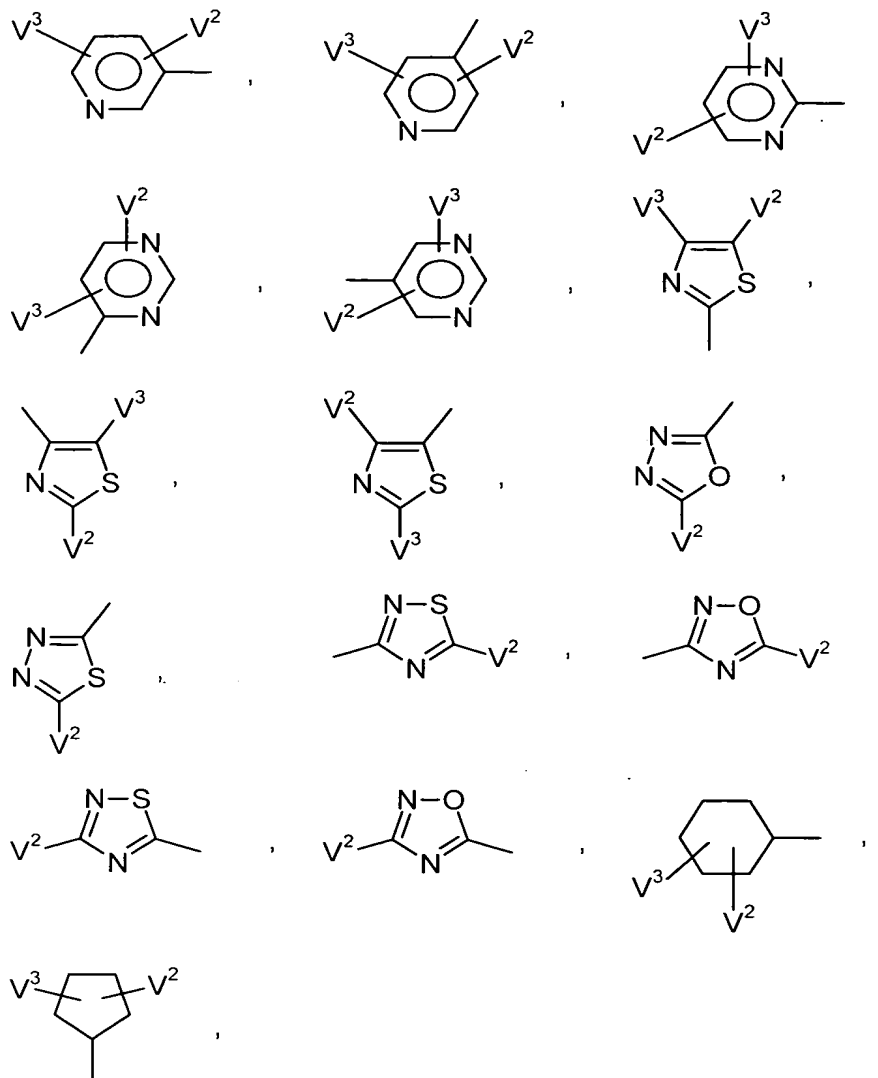
R^6 and R^7 independently of one another each represent hydrogen, in each case optionally halogen-substituted alkyl, cycloalkyl, alkenyl, alkoxy, alkoxyalkyl, represent optionally substituted phenyl, represent optionally substituted benzyl, or together with the nitrogen atom to which they are attached represent a cycle which is optionally interrupted by oxygen or sulphur.

29. (New) A compound of the formula (I) according to Claim 28 in which

X represents halogen, C_1 - C_6 -alkyl, C_1 - C_6 -halogenoalkyl, C_1 - C_6 -alkoxy, C_3 - C_6 -alkenyloxy, C_1 - C_6 -alkylthio, C_1 - C_6 -alkylsulphinyl, C_1 - C_6 -alkylsulphonyl, C_1 - C_6 -halogenoalkoxy, C_3 - C_6 -halogenoalkenyloxy, nitro, cyano or in each case optionally halogen-, C_1 - C_6 -alkyl-, C_1 - C_6 -alkoxy-, C_1 - C_4 -halogenoalkyl-, C_1 - C_4 -halogenoalkoxy-, nitro- or cyano-substituted phenyl, phenoxy, phenylthio, benzyloxy or benzylthio,

Z represents one of the radicals



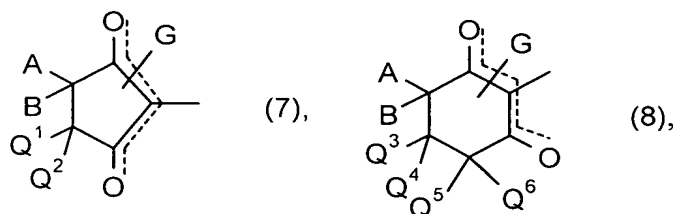


V¹ represents hydrogen, halogen, C₁-C₁₂-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₄-halogenoalkyl, C₁-C₄-halogenoalkoxy, nitro, cyano or phenyl, phenoxy, phenoxy-C₁-C₄-alkyl, phenyl-C₁-C₄-alkoxy, phenylthio-C₁-C₄-alkyl or phenyl-C₁-C₄-alkylthio, each of which is optionally mono- or poly-substituted by halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₄-halogenoalkyl, C₁-C₄-halogenoalkoxy, nitro or cyano,

V² and V³ independently of one another each represent hydrogen, halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₄-halogenoalkyl or C₁-C₄-halogenoalkoxy,

W and Y independently of one another each represent hydrogen, halogen, C₁-C₆-alkyl, C₁-C₆-halogenoalkyl, C₁-C₆-alkoxy, C₁-C₆-halogenoalkoxy, nitro or cyano,

CKE represents one of the groups



- A represents hydrogen or in each case optionally halogen-substituted C₁-C₁₂-alkyl, C₃-C₈-alkenyl, C₁-C₁₀-alkoxy-C₁-C₈-alkyl, poly-C₁-C₈-alkoxy-C₁-C₈-alkyl, C₁-C₁₀-alkylthio-C₁-C₆-alkyl, optionally halogen-, C₁-C₆-alkyl- or C₁-C₆-alkoxy-substituted C₃-C₈-cycloalkyl in which optionally one or two not directly adjacent ring members are replaced by oxygen and/or sulphur or represents in each case optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-halogenoalkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkoxy-, cyano- or nitro-substituted C₆- or C₁₀-aryl, hetaryl having 5 or 6 ring atoms or C₆- or C₁₀-aryl-C₁-C₆-alkyl,
- B represents hydrogen, C₁-C₁₂-alkyl or C₁-C₈-alkoxy-C₁-C₆-alkyl or
- A, B and the carbon atom to which they are attached represent saturated C₃-C₁₀-cycloalkyl or unsaturated C₅-C₁₀-cycloalkyl in which optionally one ring member is replaced by oxygen or sulphur and which are optionally mono- or disubstituted by C₁-C₈-alkyl, C₃-C₁₀-cycloalkyl,

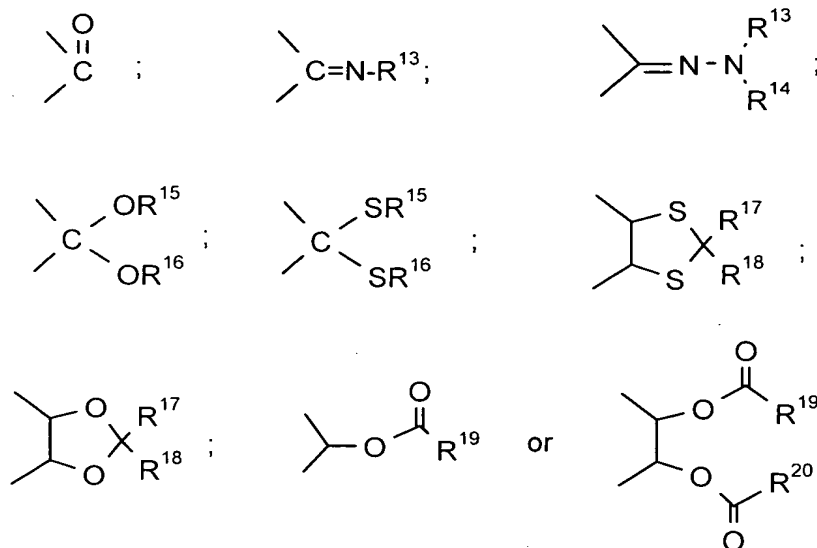
C₁-C₈-halogenoalkyl, C₁-C₈-alkoxy, C₁-C₈-alkylthio, halogen or phenyl or

A, B and the carbon atom to which they are attached represent C₃-C₆-cycloalkyl which is substituted by an alkylenediyl group which optionally contains one or two not directly adjacent oxygen and/or sulphur atoms, or by an alkylenedioxyl group or by an alkylenedithioyl group which, together with the carbon atom to which it is attached, forms a further five- to eight-membered ring, or

A, B and the carbon atom to which they are attached represent C₃-C₈-cycloalkyl or C₅-C₈-cycloalkenyl, in which two substituents together with the carbon atoms to which they are attached represent in each case optionally C₁-C₆-alkyl-, C₁-C₆-alkoxy- or halogen-substituted C₂-C₆-alkanediyl, C₂-C₆-alkenediyl or C₄-C₆-alkanedienediyl in which optionally one methylene group is replaced by oxygen or sulphur,

or

A and Q¹ together represent C₃-C₆-alkanediyl or C₄-C₆-alkenediyl, each of which is optionally mono- or disubstituted by identical or different substituents selected from the group consisting of halogen, hydroxyl; C₁-C₁₀-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₃-C₇-cycloalkyl, each of which is optionally mono- to trisubstituted by identical or different halogens; and benzyloxy and phenyl, each of which is optionally mono- to trisubstituted by identical or different substituents selected from the group consisting of halogen, C₁-C₆-alkyl or C₁-C₆-alkoxy, and which furthermore optionally contains one of the groups below



or is bridged by a C₁-C₂-alkanediyl group or by an oxygen atom, or

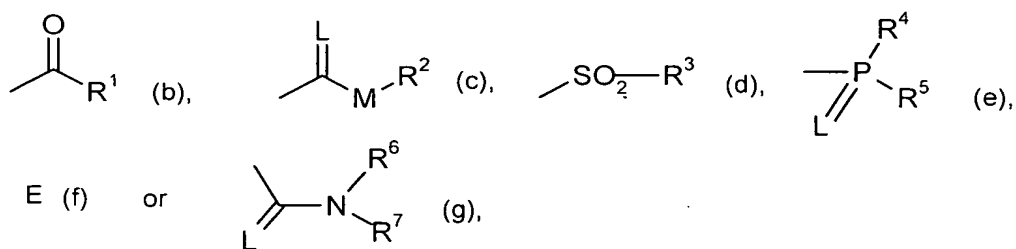
Q¹ represents hydrogen or C₁-C₄-alkyl,

Q², Q⁴, Q⁵ and Q⁶ independently of one another each represent hydrogen or C₁-C₄-alkyl,

Q³ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-alkoxy-C₁-C₂-alkyl, C₁-C₆-alkylthio-C₁-C₂-alkyl, optionally C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₃-C₈-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur or optionally halogen-, C₁-C₄-alkyl-, C₁-C₄-alkoxy-, C₁-C₂-halogenoalkyl-, C₁-C₂-halogenoalkoxy-, cyano- or nitro-substituted phenyl, or

Q³ and Q⁴ together with the carbon atom to which they are attached represent an optionally C₁-C₄-alkyl-, C₁-C₄-alkoxy- or C₁-C₂-halogenoalkyl-substituted C₃-C₇-ring in which optionally one ring member is replaced by oxygen or sulphur,

G represents hydrogen (a) or represents one of the groups



in which

E represents a metal ion or an ammonium ion,

L represents oxygen or sulphur and

M represents oxygen or sulphur,

R¹ represents in each case optionally halogen-substituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₈-alkoxy-C₁-C₈-alkyl, C₁-C₈-alkylthio-C₁-C₈-alkyl, poly-C₁-C₈-alkoxy-C₁-C₈-alkyl or optionally halogen-, C₁-C₆-alkyl- or C₁-C₆-alkoxy-substituted C₃-C₈-cycloalkyl in which optionally one or more not directly adjacent ring members are replaced by oxygen and/or sulphur,

represents optionally halogen-, cyano-, nitro-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkyl-, C₁-C₆-halogenoalkoxy-, C₁-C₆-alkylthio- or C₁-C₆-alkylsulphonyl-substituted phenyl,

represents optionally halogen-, nitro-, cyano-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkyl- or C₁-C₆-halogenoalkoxy-substituted phenyl-C₁-C₆-alkyl,

represents optionally halogen- or C₁-C₆-alkyl-substituted 5- or 6-membered hetaryl,

represents optionally halogen- or C₁-C₆-alkyl-substituted phenoxy-C₁-C₆-alkyl or

represents optionally halogen-, amino- or C₁-C₆-alkyl-substituted 5- or 6-membered hetaryloxy-C₁-C₆-alkyl,

R² represents in each case optionally halogen-substituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₈-alkoxy-C₂-C₈-alkyl, poly-C₁-C₈-alkoxy-C₂-C₈-alkyl,

represents optionally halogen-, C₁-C₆-alkyl- or C₁-C₆-alkoxy-substituted C₃-C₈-cycloalkyl or

represents in each case optionally halogen-, cyano-, nitro-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkyl- or C₁-C₆-halogenoalkoxy-substituted phenyl or benzyl,

R³ represents optionally halogen-substituted C₁-C₈-alkyl or represents in each case optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₄-halogenoalkyl-, C₁-C₄-halogenoalkoxy-, cyano- or nitro-substituted phenyl or benzyl,

R⁴ and R⁵ independently of one another each represent in each case optionally halogen-substituted C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₈-alkylamino, di-(C₁-C₈-alkyl)amino, C₁-C₈-alkylthio, C₂-C₈-alkenylthio, C₃-C₇-cycloalkylthio or represent in each case optionally halogen-,

nitro-, cyano-, C₁-C₄-alkoxy-, C₁-C₄-halogenoalkoxy-, C₁-C₄-alkylthio-, C₁-C₄-halogenoalkylthio-, C₁-C₄-alkyl- or C₁-C₄-halogenoalkyl-substituted phenyl, phenoxy or phenylthio,

R⁶ and R⁷ independently of one another each represent hydrogen, represent in each case optionally halogen-substituted C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₁-C₈-alkoxy, C₃-C₈-alkenyl, C₁-C₈-alkoxy-C₁-C₈-alkyl, represent optionally halogen-, C₁-C₈-halogenoalkyl-, C₁-C₈-alkyl- or C₁-C₈-alkoxy-substituted phenyl, optionally halogen-, C₁-C₈-alkyl-, C₁-C₈-halogenoalkyl- or C₁-C₈-alkoxy-substituted benzyl or together represent an optionally C₁-C₄-alkyl-substituted C₃-C₆-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur,

R¹³ represents hydrogen, represents in each case optionally halogen-substituted C₁-C₈-alkyl or C₁-C₈-alkoxy, represents optionally halogen-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₃-C₈-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur, or represents in each case optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₄-halogenoalkyl-, C₁-C₄-halogenoalkoxy-, nitro- or cyano-substituted phenyl, phenyl-C₁-C₄-alkyl or phenyl-C₁-C₄-alkoxy,

R¹⁴ represents hydrogen or C₁-C₈-alkyl, or

R¹³ and R¹⁴ together represent C₄-C₆-alkanediyl,

R¹⁵ and R¹⁶ are identical or different and each represent C₁-C₆-alkyl, or

R¹⁵ and R¹⁶ together represent a C₂-C₄-alkanediyl radical which is optionally substituted by C₁-C₆-alkyl, C₁-C₆-halogenoalkyl or by optionally halogen-, C₁-C₆-alkyl-, C₁-C₄-halogenoalkyl-, C₁-C₆-alkoxy-, C₁-C₄-halogenoalkoxy-, nitro- or cyano-substituted phenyl,

R¹⁷ and R¹⁸ independently of one another each represent hydrogen, represent optionally halogen-substituted C₁-C₈-alkyl or represent optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₄-halogenoalkyl-, C₁-C₄-halogenoalkoxy-, nitro- or cyano-substituted phenyl, or

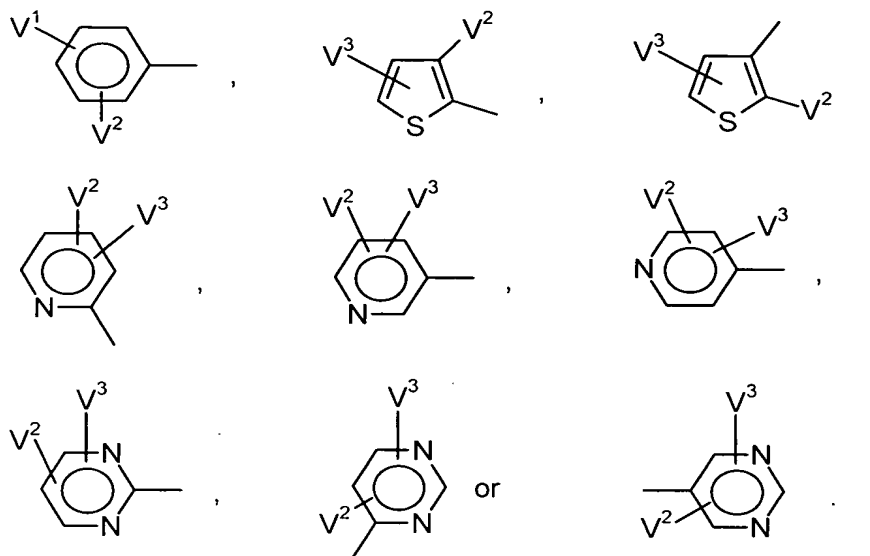
R¹⁷ and R¹⁸ together with the carbon atom to which they are attached represent a carbonyl group or represent optionally halogen-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₅-C₇-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur and

R¹⁹ and R²⁰ independently of one another each represent C₁-C₁₀-alkyl, C₂-C₁₀-alkenyl, C₁-C₁₀-alkoxy, C₁-C₁₀-alkylamino, C₃-C₁₀-alkenylamino, di-(C₁-C₁₀-alkyl)amino or di-(C₃-C₁₀-alkenyl)amino.

30. (New) A compound of the formula (I) according to Claim 28 in which

X represents fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₃-C₄-alkenyloxy, C₁-C₄-halogenoalkyl, C₁-C₄-halogenoalkoxy, C₃-C₄-halogenoalkenyloxy, nitro or cyano,

Z represents one of the radicals

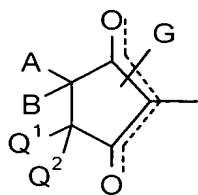


V¹ represents hydrogen, fluorine, chlorine, bromine, C₁-C₆-alkyl, C₁-C₄-alkoxy, C₁-C₂-halogenoalkyl, C₁-C₂-halogenoalkoxy, nitro, cyano or phenyl, phenoxy, phenoxy-C₁-C₂-alkyl, phenyl-C₁-C₂-alkoxy, phenylthio-C₁-C₂-alkyl or phenyl-C₁-C₂-alkylthio, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₂-halogenoalkyl, C₁-C₂-halogenoalkoxy, nitro or cyano,

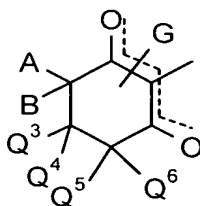
V² and V³ independently of one another each represent hydrogen, fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₂-halogenoalkyl or C₁-C₂-halogenoalkoxy,

W and Y independently of one another each represent hydrogen, fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-halogenoalkyl, C₁-C₄-alkoxy or C₁-C₄-halogenoalkoxy,

CKE represents one of the groups



(7),



(8),

- A represents hydrogen or represents in each case optionally fluorine- or chlorine-substituted C₁-C₁₀-alkyl, C₁-C₈-alkoxy-C₁-C₆-alkyl, optionally fluorine-, chlorine-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₃-C₇-cycloalkyl in which optionally one ring member is replaced by oxygen or sulphur or (but not in the case of the compounds of the formulae (I-5), (I-7) and (I-8)) in each case optionally fluorine-, chlorine-, bromine-, C₁-C₄-alkyl-, C₁-C₄-halogenoalkyl-, C₁-C₄-alkoxy- or C₁-C₄-halogenoalkoxy-substituted phenyl, furanyl, pyridyl, imidazolyl, triazolyl, pyrazolyl, pyrimidyl, thiazolyl, thienyl or phenyl-C₁-C₄-alkyl,
- B represents hydrogen or C₁-C₆-alkyl, or
- A, B and the carbon atom to which they are attached represent saturated or unsaturated C₅-C₇-cycloalkyl in which optionally one ring member is replaced by oxygen or sulphur and which is optionally monosubstituted by C₁-C₆-alkyl, C₅-C₈-cycloalkyl, C₁-C₃-halogenoalkyl, C₁-C₆-alkoxy, fluorine, chlorine or phenyl, or
- A, B and the carbon atom to which they are attached represent C₅-C₆-cycloalkyl which is substituted by an alkylenediyl group which optionally contains one or two not directly adjacent oxygen or sulphur atoms or by an alkylenedioxyl group or by an alkylenedithiol group which, together with the carbon atom to which it is attached, forms a further five- or six-membered ring, or

A, B and the carbon atom to which they are attached represent C₃-C₆-cycloalkyl or C₅-C₆-cycloalkenyl in which two substituents together with the carbon atoms to which they are attached represent in each case optionally C₁-C₅-alkyl-, C₁-C₅-alkoxy-, fluorine-, chlorine- or bromine-substituted C₂-C₄-alkanediyl or C₂-C₄-alkenediyl, in which optionally one methylene group is replaced by oxygen or sulphur, or represent butadienediyl,

or

A and Q¹ together represent C₃-C₄-alkanediyl or C₃-C₄-alkenediyl, each of which is optionally mono- or disubstituted by identical or different substituents selected from the group consisting of fluorine, chlorine, hydroxyl, and C₁-C₈-alkyl and C₁-C₄-alkoxy, each of which is optionally mono- to trisubstituted by fluorine, or

Q¹ represents hydrogen,

Q² represents hydrogen,

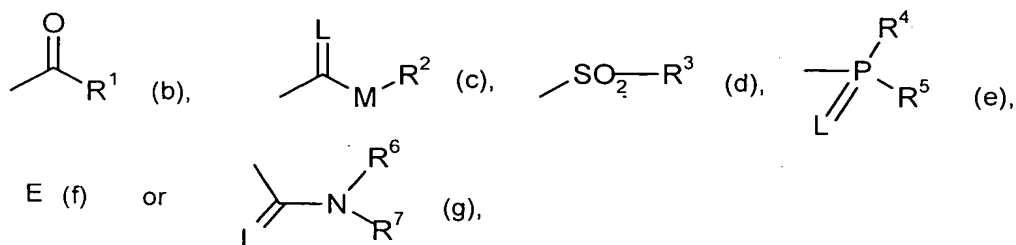
Q⁴, Q⁵ and Q⁶ independently of one another each represent hydrogen or C₁-C₃-alkyl,

Q³ represents hydrogen, C₁-C₄-alkyl, C₁-C₄-alkoxy-C₁-C₂-alkyl, C₁-C₄-alkylthio-C₁-C₂-alkyl or optionally methyl- or methoxy-substituted C₃-C₆-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur, or

Q³ and Q⁴ together with the carbon atom to which they are attached represent an optionally C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted

saturated C₅-C₆-ring in which optionally one ring member is replaced by oxygen or sulphur,

G represents hydrogen (a) or represents one of the groups



in which

E represents a metal ion or an ammonium ion,

L represents oxygen or sulphur and

M represents oxygen or sulphur,

R¹ represents in each case optionally fluorine- or chlorine-substituted C₁-C₁₆-alkyl, C₂-C₁₆-alkenyl, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₁-C₆-alkylthio-C₁-C₆-alkyl, poly-C₁-C₆-alkoxy-C₁-C₆-alkyl or optionally fluorine-, chlorine-, C₁-C₅-alkyl- or C₁-C₅-alkoxy-substituted C₃-C₇-cycloalkyl in which optionally one or two not directly adjacent ring members are replaced by oxygen and/or sulphur,

represents optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C₁-C₄-alkyl-, C₁-C₄-alkoxy-, C₁-C₃-halogenoalkyl-, C₁-C₃-halogenoalkoxy-, C₁-C₄-alkylthio- or C₁-C₄-alkylsulphonyl-substituted phenyl,

represents optionally fluorine-, chlorine-, bromine-, C₁-C₄-alkyl-, C₁-C₄-alkoxy-, C₁-C₃-halogenoalkyl- or C₁-C₃-halogenoalkoxy-substituted phenyl-C₁-C₄-alkyl,

represents in each case optionally fluorine-, chlorine-, bromine- or C₁-C₄-alkyl-substituted pyrazolyl, thiazolyl, pyridyl, pyrimidyl, furanyl or thienyl,

represents optionally fluorine-, chlorine-, bromine- or C₁-C₄-alkyl-substituted phenoxy-C₁-C₃-alkyl or

represents in each case optionally fluorine-, chlorine-, bromine-, amino- or C₁-C₄-alkyl-substituted pyridyloxy-C₁-C₃-alkyl, pyrimidyloxy-C₁-C₃-alkyl or thiazolyloxy-C₁-C₃-alkyl,

R² represents in each case optionally fluorine-substituted C₁-C₁₆-alkyl, C₂-C₁₆-alkenyl, C₁-C₆-alkoxy-C₂-C₆-alkyl or poly-C₁-C₆-alkoxy-C₂-C₆-alkyl,

represents optionally fluorine-, chlorine-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₃-C₇-cycloalkyl or

represents in each case optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C₁-C₄-alkyl-, C₁-C₃-alkoxy-, C₁-C₃-halogenoalkyl- or C₁-C₃-halogenoalkoxy-substituted phenyl or benzyl,

R³ represents optionally fluorine-substituted C₁-C₆-alkyl or represents in each case optionally fluorine-, chlorine-, bromine-, C₁-C₄-alkyl-, C₁-C₄-alkoxy-, C₁-C₃-halogenoalkyl-, C₁-C₃-halogenoalkoxy-, cyano- or nitro-substituted phenyl or benzyl,

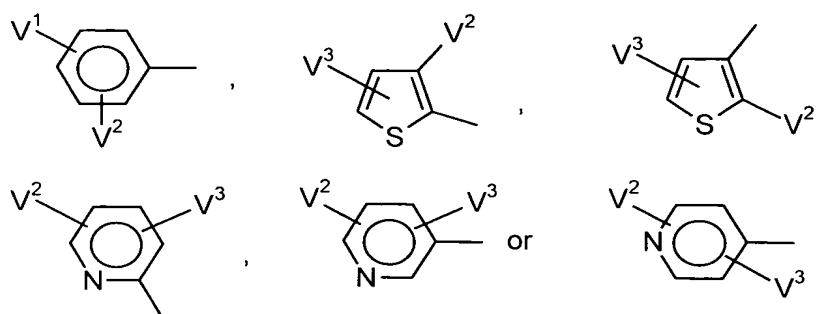
R⁴ and R⁵ independently of one another each represent C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, di-(C₁-C₆-alkyl)amino, C₁-C₆-alkylthio, C₃-C₄-alkenylthio, C₃-C₆-cycloalkylthio or represent in each case optionally fluorine-, chlorine-, bromine-, nitro-, cyano-, C₁-C₃-alkoxy-, C₁-C₃-halogenoalkoxy-, C₁-C₃-alkylthio-, C₁-C₃-halogenoalkylthio-, C₁-C₃-alkyl- or C₁-C₃-halogenoalkyl-substituted phenyl, phenoxy or phenylthio, and

R⁶ and R⁷ independently of one another each represent hydrogen, C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₁-C₆-alkoxy, C₃-C₆-alkenyl, C₁-C₆-alkoxy-C₁-C₆-alkyl, represent optionally fluorine-, chlorine-, bromine-, C₁-C₃-halogenoalkyl-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted phenyl, represent optionally fluorine-, chlorine-, bromine-, C₁-C₄-alkyl-, C₁-C₃-halogenoalkyl- or C₁-C₄-alkoxy-substituted benzyl, or together represent an optionally methyl- or ethyl-substituted C₄-C₅-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur.

31. (New) A compound of the formula (I) according to Claim 28 in which

X represents fluorine, chlorine, methyl, ethyl, propyl, iso-propyl, methoxy, ethoxy, propoxy, iso-propoxy, trifluoromethyl, difluoromethoxy, trifluoromethoxy, nitro or cyano,

Z represents one of the radicals

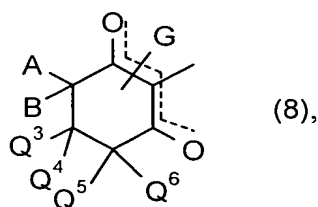
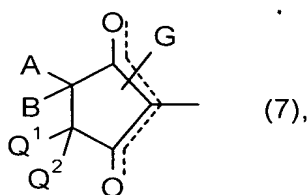


V¹ represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, tert-butyl, methoxy, ethoxy, n-propoxy, iso-propoxy, trifluoromethyl, trifluoromethoxy, nitro, cyano or phenyl which is optionally monosubstituted by fluorine, chlorine, methyl, methoxy, trifluoromethyl or trifluoromethoxy,

V² and V³ independently of one another each represent hydrogen, fluorine, chlorine, methyl, ethyl, n-propyl, iso-propyl, methoxy, ethoxy, trifluoromethyl or trifluoromethoxy,

W and Y independently of one another each represent hydrogen, fluorine, chlorine, methyl, ethyl, n-propyl, methoxy, ethoxy or propoxy,

CKE represents one of the groups



- A represents hydrogen or represents in each case optionally fluorine-substituted C₁-C₈-alkyl or C₁-C₆-alkoxy-C₁-C₄-alkyl, optionally fluorine-, methyl-, ethyl- or methoxy-substituted C₃-C₆-cycloalkyl in which optionally one ring member is replaced by oxygen or sulphur or (but not in the case of the compounds of the formulae (I-5), (I-7) and (I-8)) represents in each case optionally fluorine-, chlorine-, bromine-, methyl-, ethyl-, n-propyl-, iso-propyl-, methoxy-, ethoxy-, trifluoromethyl-, trifluoromethoxy-, cyano- or nitro-substituted phenyl or benzyl,
- B represents hydrogen or C₁-C₄-alkyl, or
- A, B and the carbon atom to which they are attached represent saturated C₅-C₆-cycloalkyl in which optionally one ring member is replaced by oxygen or sulphur and which is optionally monosubstituted by methyl, ethyl, propyl, isopropyl, butyl, iso-butyl, sec-butyl, tert-butyl, trifluoromethyl, methoxy, ethoxy, propoxy, iso-propoxy, butoxy, isobutoxy, sec-butoxy, tert-butoxy, fluorine or chlorine, or
- A, B and the carbon atom to which they are attached represent C₅-C₆-cycloalkyl or C₅-C₆-cycloalkenyl in which two substituents together with the carbon atoms to which they are attached represent C₂-C₄-alkanediyl or C₂-C₄-alkenediyl in which in each case optionally one methylene group is replaced by oxygen or sulphur, or represent butadienediyl, or
- A and Q¹ together represent C₃-C₄-alkanediyl or butenediyl, each of which is optionally mono- or disubstituted by fluorine, hydroxyl, methyl or methoxy, or
- Q¹ represents hydrogen,

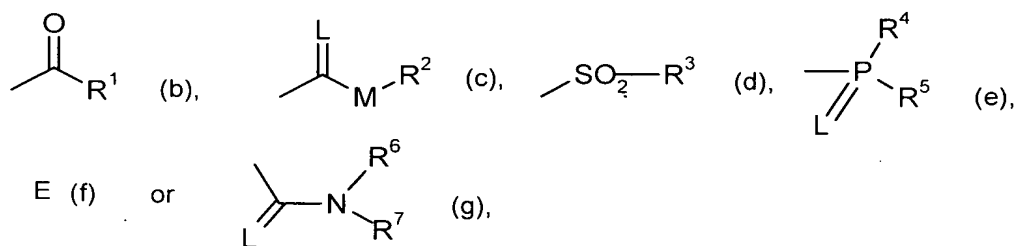
Q² represents hydrogen,

Q⁴, Q⁵ and Q⁶ independently of one another each represent hydrogen, methyl or ethyl,

Q³ represents hydrogen, methyl, ethyl or C₃-C₆-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur, or

Q³ and Q⁴ together with the carbon atom to which they are attached represent an optionally methyl- or methoxy-substituted saturated C₅-C₆-ring in which optionally one ring member is replaced by oxygen or sulphur,

G represents hydrogen (a) or represents one of the groups



in which

E represents a metal ion or an ammonium ion,

L represents oxygen or sulphur and

M represents oxygen or sulphur,

R¹ represents in each case optionally fluorine- or chlorine-substituted C₁-C₁₄-alkyl, C₂-C₁₄-alkenyl, C₁-C₄-alkoxy-C₁-C₆-alkyl, C₁-C₄-

alkylthio-C₁-C₆-alkyl, poly-C₁-C₄-alkoxy-C₁-C₄-alkyl or optionally fluorine-, chlorine-, methyl-, ethyl-, propyl-, i-propyl-, butyl-, i-butyl-, tert-butyl-, methoxy-, ethoxy-, n-propoxy- or iso-propoxy-substituted C₃-C₆-cycloalkyl in which optionally one or two not directly adjacent ring members are replaced by oxygen and/or sulphur,

represents optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, methyl-, ethyl-, n-propyl-, i-propyl-, methoxy-, ethoxy-, trifluoromethyl-, trifluoromethoxy-, methylthio-, ethylthio-, methylsulphonyl- or ethylsulphonyl-substituted phenyl,

represents optionally fluorine-, chlorine-, bromine-, methyl-, ethyl-, n-propyl-, i-propyl-, methoxy-, ethoxy-, trifluoromethyl- or trifluoromethoxy-substituted benzyl,

represents in each case optionally fluorine-, chlorine-, bromine-, methyl- or ethyl-substituted furanyl, thienyl, pyridyl, pyrimidyl, thiazolyl or pyrazolyl,

represents optionally fluorine-, chlorine-, methyl- or ethyl-substituted phenoxy-C₁-C₂-alkyl or

represents in each case optionally fluorine-, chlorine-, amino-, methyl- or ethyl-substituted pyridyloxy-C₁-C₂-alkyl, pyrimidyloxy-C₁-C₂-alkyl or thiazolyloxy-C₁-C₂-alkyl,

R² represents in each case optionally fluorine-substituted C₁-C₁₄-alkyl, C₂-C₁₄-alkenyl, C₁-C₄-alkoxy-C₂-C₆-alkyl or poly-C₁-C₄-alkoxy-C₂-C₆-alkyl,

represents optionally fluorine-, chlorine-, methyl-, ethyl-, n-propyl-, iso-propyl- or methoxy-substituted C₃-C₆-cycloalkyl,

or represents in each case optionally fluorine-, chlorine-, cyano-, nitro-, methyl-, ethyl-, n-propyl-, i-propyl-, methoxy-, ethoxy-, trifluoromethyl- or trifluoromethoxy-substituted phenyl or benzyl,

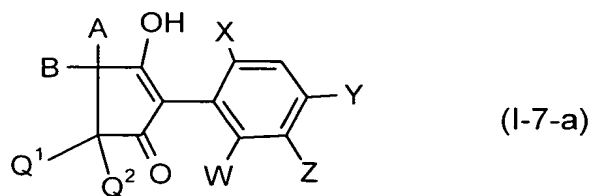
R³ represents in each case optionally fluorine-substituted methyl, ethyl, n-propyl, isopropyl or in each case optionally fluorine-, chlorine-, bromine-, methyl-, tert-butyl-, methoxy-, trifluoromethyl-, trifluoromethoxy-, cyano- or nitro-substituted phenyl or benzyl,

R⁴ and R⁵ independently of one another each represent C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylamino, di-(C₁-C₄-alkyl)amino, C₁-C₄-alkylthio or represent in each case optionally fluorine-, chlorine-, bromine-, nitro-, cyano-, C₁-C₂-alkoxy-, C₁-C₂-fluoroalkoxy-, C₁-C₂-alkylthio-, C₁-C₂-fluoroalkylthio- or C₁-C₃-alkyl-substituted phenyl, phenoxy or phenylthio, and

R⁶ and R⁷ independently of one another each represent hydrogen, represent C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₃-C₄-alkenyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, represent optionally fluorine-, chlorine-, bromine-, trifluoromethyl-, methyl- or methoxy-substituted phenyl, represent optionally fluorine-, chlorine-, bromine-, methyl-, trifluoromethyl- or methoxy-substituted benzyl, or together represent a C₅-C₆-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur.

32. (New) A process for preparing a compound of the formula (I) according to Claim 28, wherein

(G) a compound of the formula (I-7-a)

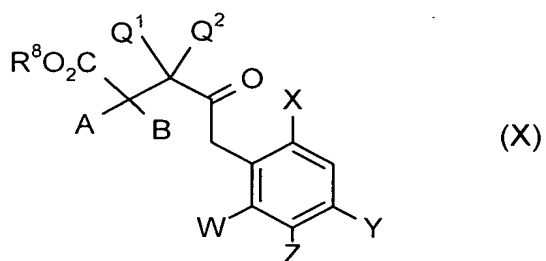


in which

A, B, Q¹, Q², W, X, Y and Z are each as defined in Claim 28

is obtained when

a ketocarboxylic ester of the formula (X)



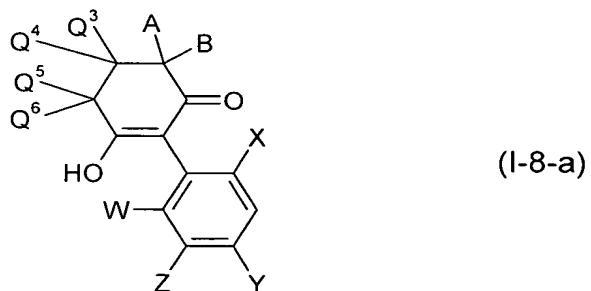
in which

A, B, Q¹, Q², W, X, Y and Z are each as defined above and

R⁸ represents alkyl

is cyclized intramolecularly, optionally in the presence of a diluent and
in the presence of a base,

(H) a compound of the formula (I-8-a)

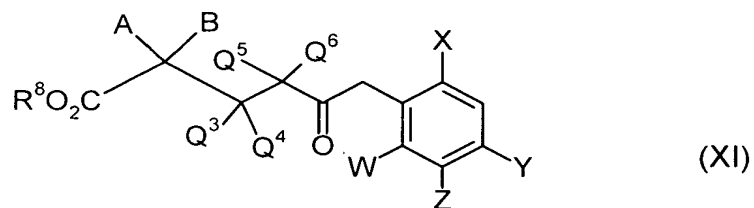


in which

A, B, Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined in Claim 28

is obtained when

a 6-aryl-5-keto-hexanoic ester of the formula (XI)



in which

A, B, Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined above

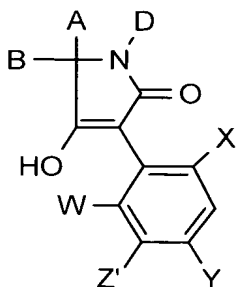
and

R⁸ represents alkyl

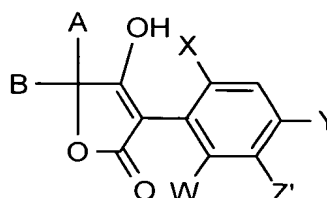
is condensed intramolecularly in the presence of a diluent and in the presence of a base,

- (I) a compound of the formulae (I-8-a) shown above in which A, B, D, Q¹, Q², Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined above is obtained when a compound of the formulae (I-1'-a) to (I-8'-a),

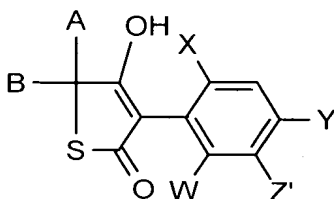
(I-1'-a):



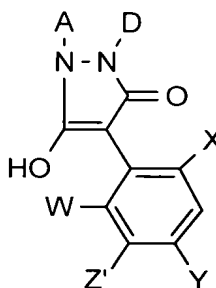
(I-2'-a):



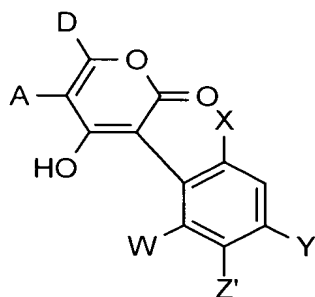
(I-3'-a):



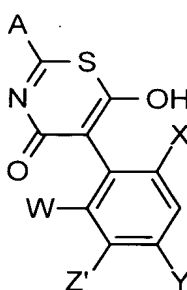
(I-4'-a):



(I-5'-a):

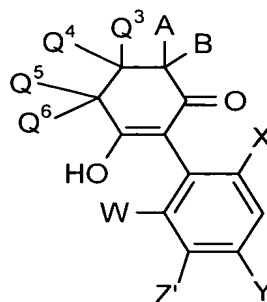
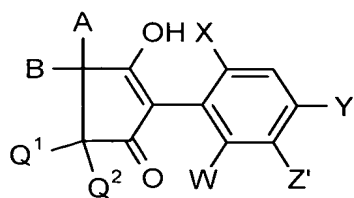


(I-6'-a):



(I-7'-a):

(I-8'-a):

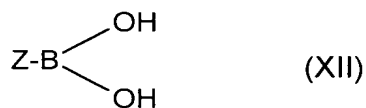


in which

A, B, D, Q¹, Q², Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined above and

Z' represents chlorine, bromine or iodine

is reacted with a boronic acid of the formula (XII)



in which

Z is as defined above

in the presence of a solvent, a base and a catalyst and the resulting compound of the formulae (I-1-a) to (I-8-a) is subsequently in each case

(Jα) reacted with an acyl halide of the formula (XIII)



in which

R¹ is as defined in Claim 28 and

Hal represents halogen

or

(β) reacted with a carboxylic anhydride of the formula (XIV)



in which

R¹ is as defined above,
optionally in the presence of a diluent and optionally in the presence of
an acid binder, or in each case

(K) reacted with a chloroformic ester or a chloroformic thioester of the
formula (XV)



in which

R² and M are each as defined in Claim 28,

optionally in the presence of a diluent and optionally in the presence of
an acid binder, or in each case

(L) reacted with a chloromonothioformic ester or a chlorodithioformic ester
of the formula (XVI)



in which

M and R² are each as defined above

optionally in the presence of a diluent and optionally in the presence of an acid binder, or in each case

(M) reacted with a sulphonyl chloride of the formula (XVII)



in which

R³ is as defined in Claim 28,

optionally in the presence of a diluent and optionally in the presence of an acid binder, or in each case

(N) reacted with a phosphorus compound of the formula (XVIII)



in which

L, R⁴ and R⁵ are each as defined in Claim 28 and

Hal represents halogen,

optionally in the presence of a diluent and optionally in the presence of an acid binder, or in each case

- (O) reacted with a metal compound or an amine of the formulae (XIX) or (XX)



in which

Me represents a mono- or divalent metal,

t represents the number 1 or 2 and

R¹⁰, R¹¹, R¹² independently of one another each represent hydrogen or alkyl,

optionally in the presence of a diluent, or in each case

- (P_α) reacted with an isocyanate or an isothiocyanate of the formula (XXI)



in which

R⁶ and L are each as defined in Claim 28,

optionally in the presence of a diluent and optionally in the presence of a catalyst, or in each case

(β) reacted with a carbamoyl chloride or a thiocarbamoyl chloride of the formula (XXII)

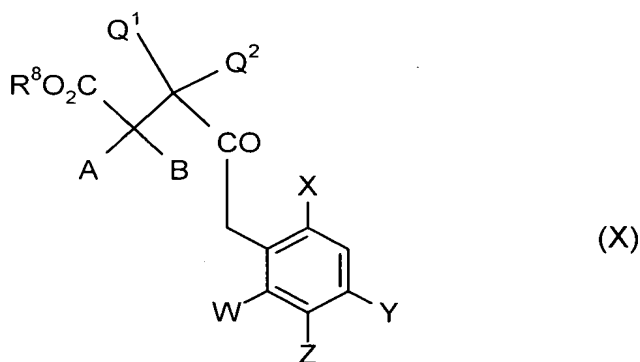


in which

L, R⁶ and R⁷ are each as defined in Claim 28,

optionally in the presence of a diluent and optionally in the presence of an acid binder.

33. (New) A compound of the formula (X)

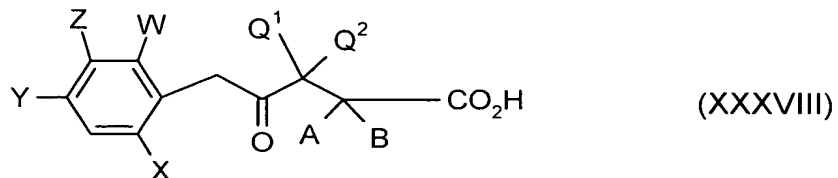


in which

A, B, Q¹, Q², W, X, Y and Z are each as defined in Claim 28 and

R⁸ represents alkyl.

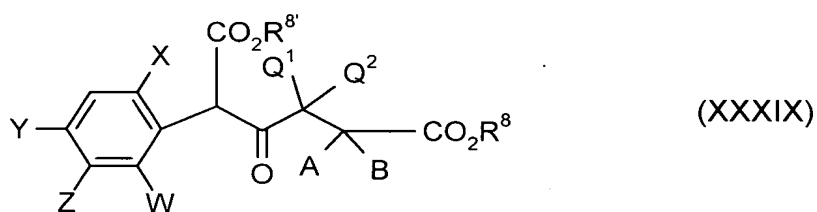
34. (New) A compound of the formula (XXXVIII)



in which

W, X, Y, Z, A, B, Q¹ and Q² are each as defined in Claim 28.

35. (New) A compound of the formula (XXXIX)

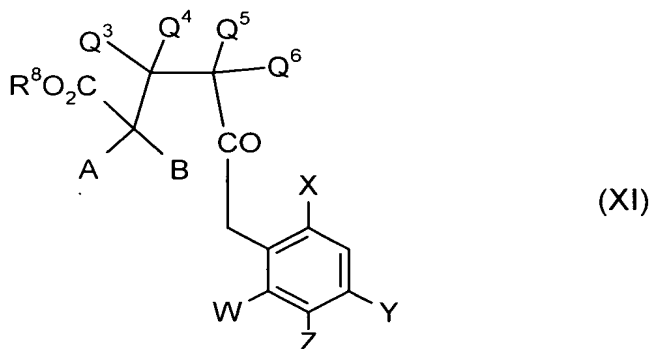


in which

A, B, D¹, D², W, X, Y and Z are each as defined in Claim 28 and

R⁸ and R^{8'} each represent alkyl.

36. (New) A compound of the formula (XI)

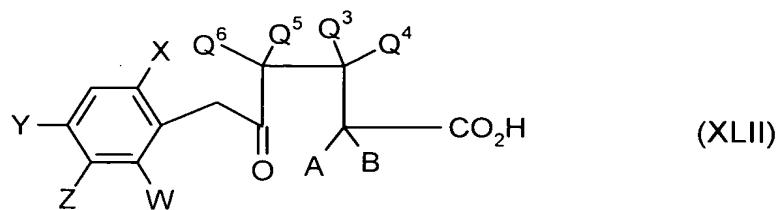


in which

A, B, Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined in Claim 28 and

R⁸ represents alkyl.

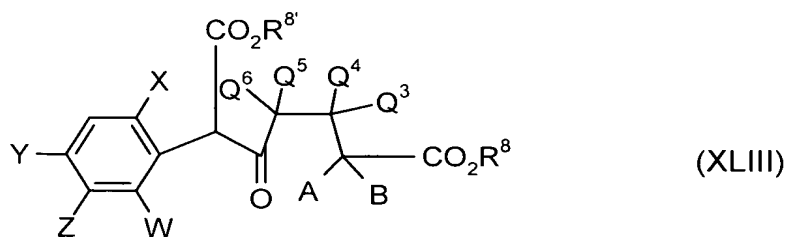
37. (New) A compounds of the formula (XLII)



in which

A, B, Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined in Claim 28.

38. (New) A compound of the formula (XLIII)



in which

A, B, Q³, Q⁴, Q⁵, Q⁶, W, X, Y and Z are each as defined in Claim 28 and

R⁸ and R^{8'} each represent alkyl.

39. (New) Pesticides and/or herbicides, comprising at least one compound of the Formula (I) according to Claim 28.

40. (New) A method for controlling pests comprising the step of allowing an effective amount of a compound of the Formula (I) according to Claim 28 to act on a member selected from the group consisting of said pests, a habitat of said pests and combinations thereof.
41. (New) A method for preparing pesticides and/or herbicides, comprising the step of mixing a compound of the Formula (I) according to Claim 28 with a member selected from the group consisting of an extender, a surfactant and combinations thereof.